FLYKEYS

Achieve Your Music Dream

USER MANUAL
## M2

DIRECTORY

Specification

1. 61 standard strength piano keys
2. Panel touch control
3. Two-color light conduction function of piano keys
4. Connect the learning APP function
5. The learning APP can be connected via Bluetooth and cable Two ways to connect
6. 61 keyboard percussion
7. Dual timbre and keyboard functions
8. 600 voices ,100 demos and 200 rhythms
9. Recording, programming and playback functions
10. Function of synchronization and insertion
11. Metronome function
12. There are three learning functions of duet singing, continuous singing and demonstration song
13.Single finger chord, polyfinger chord
14. Sound extension and trill function
15. Shift function
16. Master volume, accompaniment volume, beat speed control
17. MIDI input and output
18. MIDI Bluetooth
19. Built-in lithium battery: 2000mAH
20. Power: 5V/2A
21. Dimension: 903×222× 83mm(L*W*H)
22. Net weight: 3.5kg

I: Function keys and external ports
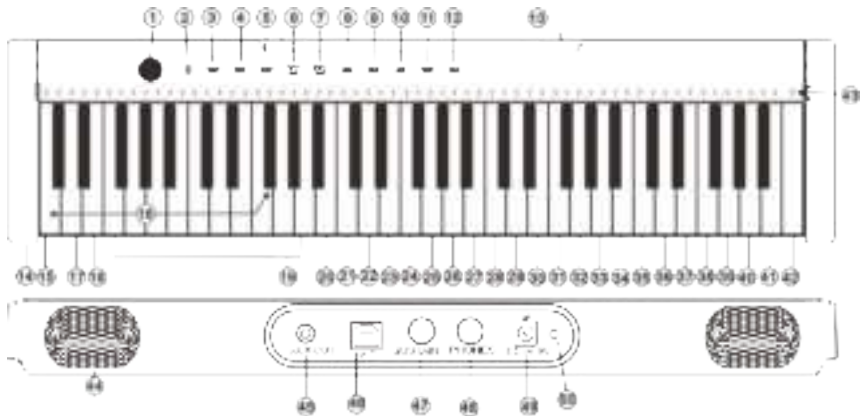
1. Power switch/total Volume control knob
2. Bluetooth indicator (When the Bluetooth connection is successful, the Bluetooth icon will be lit up)
3. Function selection key
4. Speed -
5. Speed +
6. Rhythm start/stop button
7. Prelude and epilogue
8. Synchronize key
9. Synthesize chord keys
10. Insert the key
11. Tone delay key
12. Piano keys
13. Songbook rack
14. Diameter 3.5mm headset post
15.17.18 .Three teaching functions
16. Chord zone
19.(0-9) Number key
20. The digit key -
21. The number + key
22. Tone selection key
23. Rhythm selection key
24. Force on/off
25. Accompaniment -
26. Accompaniment +
27. Store keys
28. Memory 1
29. Memory 2
30. Double timbre
31. Dual keyboards
32. Keyboard drums
33. Falling intonation
34. Rising voice
35. Trill key
36. Metronome
37. Record button
38. Play button
39. Programming button
40. Click the keys
41. Sing-along keys
42. Keyboard light on/off
43. Keyboard pilot light
44. Loudspeakers
45. Audio output jack
46.MIDI interface
47. Extension pedal socket
48. Diameter 6.35 mm headphone jack
49. Power socket
50. Charging indicator light

II. Use of power adapter and battery

1. Use the power adapter:
The machine is equipped with lithium battery, turn on the power switch of the piano can be used normally, or plug in the "power adapter" of the piano to "charge" the machine and use the power supply of the machine at the same time, plug the standard socket of the "power adapter" into the corresponding mains socket. The other end is inserted into the "DC5V-9V" jack at the back of the electronic organ (when the power adapter is plugged in, the "red" charging light at the side of the "DC5V-9V" socket indicates that the machine is being charged), and the power switch on the violin can be used normally (when the battery of the machine is fully charged, the "red" charging indicator light will be extinguished).
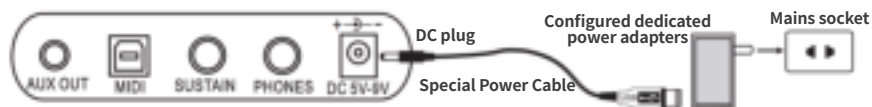
Note: When using the power adapter to power the machine, the power adapter will also charge the machine.

2. Use of battery:
The instrument is equipped with a 2000mAH lithium battery. If you need to use the instrument outside, you can use the built-in battery to power the electronic organ. When the battery is fully charged, you can turn on the power switch of the instrument.

3. Use of charging:
When using the battery of the machine for power supply is too low, the sound quality will be come smaller, worse and inaccurate,and the function display on the panel will flash or restart the machine constantly. In this case, the battery is too low, and the battery should be charged intime. Plug the "power adapter" of the piano into the mains and plug the other side into the DC socket of the piano to charge the piano(at this time, the "red" charging indicator light will light up, and when the battery is fully charged, the "red" charging indicator light will turn off, indicating that the battery is fully charged).
⚠ **Warning:** When the"power adapter" is connected to the piano, the "power adaptor" will charge the piano no matter the "power switch"is"on"or"off". Please remove the "power adapter" from the mains socket when you do not use the piano and do not need to charge, so as to avoid battery damage, overheating, explosion, fire and other things.
Note: 1. It takes about (2-3) hours for the battery to be fully charged. Do not charge the battery for more than 6 hours.
2.Charge the piano when it is necessary to be supervised by a specialperson to prevent unnecessary accidents.
3.Please limit the use of the power adapter supplied by our factory.Using the wrong power adapter will lead to overheating and damage the internal components of the electronic organ.

4.Use of audio output:
The audio outlet(AUX OUT) of the electronic organ can be connected to the soundbox with a power amplifier to provide a sound source output port.

5.Use headphones:
Users can choose a headset plug with adiameter of 6.35mm and a diameter of 3.5mm. Insert these lected headset into the headset jack(PHONES).After inserting the headset,the audio output of the speaker ofthe phone will be automatically blocked.In other words, the speaker of the phone will be muted to avoid disturbing others.
(If you want to use this instrument, please pull out the headphone spike).
Note: The 6.35mm diameter of the headset header is on the back of the instrument(PHONES),and the 3.5mm diameter of the headset header is on the front left of the instrument (PHONES).

6.MIDI function:

Connect the MIDI jack of the piano to the USB jack of the computer. Through various professional MIDI editing software (such as Cakewalk, etc.),MIDI information of the piano and MIDI information of the computer can be transmitted to each other.

Note: This piano is not equipped with computer cable and MIDI editing software, users need to purchase.

III:The playing and operation of the harp

(I) The choice of power supply and sound color.

1. Power switch:

The power "switch" and "total volume"control knobs are integrated knob switches. Turn clockwise to "on" and counter-clockwise to "off".Turn the power switch to the "On" direction, then the panel functionkey will light up and display. The electronic organ automatically resets to "000" (piano tone) and the rhythm to "000" (club pop).

2. Total volume:

Great that the total volume of the adjustable or is small, the boot can be rotated principal directly under the state of the volume knob to adjust the volume of the sound big or small volume, the volume knob clockwise counterclockwise rotation volume decreases, the volume knob counterclockwise rotation to is closed at the end of the machine power supply.

OFF ON   Featues   Speed–   Speed+

3. Selection of the voice:

This instrument has a total of "600" realistic voice, from "000" to "599" can be used freely.

Before selecting a sound color, hold down the "Features" key, press the "Sound Color Selection" button, and then select the "number key".Example: Select a voice numbered "018".First hold down the "Features" key, then press the "tone selection" key → press the number key "0" → press the number key "1" → press the number key "8", and then release the "Features" key, then the tone is "018".Select the sound color numbered "113", hold down the "Features" key, and then press the "sound color selection" key → press the number key "1" → press the number key "1" → press the number key "3" and release the "Features" key, then the sound color is "113".(as shown below)
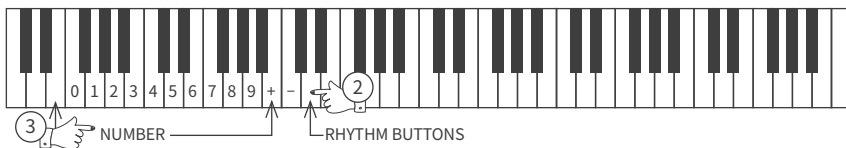
Start up
Stop

① Featues   Speed–   Speed+

0 1 2 3 4 5 6 7 8 9 + – ②

③ NUMBER ———— RHYTHM BUTTONS

Use "+" and "-" to hold down the "Features" key, and then press the "Timbre" key: In the voice selection mode, press the "+" key, or press the "-" key, and the voice number increases or decreases in sequence until you select the voice.

Note: You can release the "Features" button only after selecting the desired tone. (To select any function except the total volume and the function displayed on the panel, press and hold down the "Features" key first, and then press the corresponding function key to select the required function. After selecting the required function, release the "Features" button).

4. The use of Piano keys:

When playing, no matter the user chooses any timbre to play, when the key of "Piano" is pressed once, the tone color of the Piano will be changed to "piano" timbre. If the key of "piano" is pressed again, the tone color will return to the original tone color selected just before playing.

Note:

1. According to the function of the touch pad, the finger should be raised as far as possible to more than 3 cm or so away from the touch pad, and then the finger should be as flat as possible, and slightly press down the center of the word displayed on the panel. When pressing the touch pad, the finger should cover the functional word displayed on the panel as much as possible, so that the sensitivity of the touch will be better.
The functions indicated on the panel can be realized.

2. If you press the touchpad for more than 20 seconds, the touchpad will automatically reset. If you press and hold the touchpad for more than 20 seconds, press and hold it again after the touchpad is reset.

5. Force on/off:

The "force on/off" key is to turn on or off the keyboard force response switch. The default force is turned on when the machine is started. In the startup state, first hold down the "Features" key, then press the "strength on/off" key, once to close the strength and then press to open, so as to cycle.

(II) Use of sound effects:

1. Trill:

Press and hold down the "Features" key and then the "Vibrato" key, and then release the "Features" key. At this time, the sound color will shake. If you repeat more than once, the vibrato effect will be canceled.

2. Sound extension:

Sustain "key can be directly pressed under the working condition of the piano. At this time, the sound effect of the syllable during performance can be lengthened. If you press the" Sustain "key for one more time, the effect of sustain will be canceled.

3. Use of keyboard percussion:

First hold down the "Features" button, then press the "keyboard drum" key, and then release the "Features" key, then 61 keyboards into percussion keyboards, each key corresponds to a percussion instrument; Disable Keyboard percussion: Hold down the "Features" key and press the "Keyboard drum" key again. Release the "Features" key to cancel the keyboard percussion and switch the keyboard back to playing mode.
(See Appendix IV for keyboard percussion comparison table).

4. Use of the function of lifting and adjusting:

The up and down tuning function can change the tone of the keyboard. Press and hold down the "Features" key first, and then press the "Up" or "down" key to set the variable value. Every time you press the "up" or "down" key, the tone will be "up" or "down" half a key, and the variable value range is from "+6" to "-6". To return to the default value (00), hold down the Features key and then press the Up and Down keys at the same time.

5. Dual tone switch:

First press and hold down the "Features" key, and then press the "double tone" key. At this time, two different Musical Instruments will be played at the same time, that is, the main tone color and the selected second tone color will sound at the same time. At this time, you can press and hold down the "Features" key, then press the "tone color selection" key and the "numeric keypad" to select the required second tone color. Hold down the "Features" key and press the "Double Tone" key again to exit this function.

6. Dual keyboard switch:

Press the "Features" key first, and then press the "Double keyboard" key, then the keyboard will be divided into C2~B3 and C4~C7. The positions of C2~B3 on the keyboard correspond to the positions of C4~B5. At this time, the original timbre of C4~C7 keys can be replaced by the way of "select timbre". Divide the keyboard into two different timbre plays at the same time. To disable this function, hold down the "Features" key and press the "Dual Keyboard" key once.

7. Metronome:

In the normal state, first hold down the "Features" key, and then press the "metronome" key every time, the beat will be 1/4 beat → 2/4 beat → 3/4 beat → Stop → 1/4 beat...For this loop, the default speed is 120.Stop the metronome: Press the Start up Stop key once.

(III) The use of demonstration music and learning function
1. Singing the demonstration song:

First hold down the "Features" key and then press the "Click" key to play the current song. Then hold down the "Features" key and press the "click" key once to stop the play. Then press again to play the next song so as to cycle.

Note: First hold down the "Features" key and then press the "chant" key to play one song at a time, then press this key to stop, then press again to play the next song, then press successively, then you can select each song in the memory of the piano.

2. Demonstration song:

First hold down the "Features" key and then press the "continuous singing" key, that is, the current song will be played. At this time, the song will start from the current song, and then the next song will be played. All songs will be played in a loop until the "continuous singing" key is pressed again.

Note: To cancel "Click" or "sing-along", you can hold down the "Features" and press the "Start up Stop" button once.

3. Selection of Demonstration music:

In the "singing" or "singing" mode, the song selection mode will be automatically entered. You can also select the song you want through the numeric keypad. Press and hold down the "Features" key, enter the number of the demonstration song directly on the numeric key, and then release the function key.

4. Learning Function 1 (single-key mode) :

Press the "Features" key first and then the "Learning 1" key to enter the single-key teaching mode. Press any key to play the main melody notes and accompanying music. If you do not play the music after selecting the music, the machine will play a certain part of the accompanying music repeatedly.Until you play any key (this function is suitable for beginners), during the learning process, you can select the demonstration songs through the "+ or -" key, select the demonstration songs: press the "Features" key and then press the "+ or -" key to select the required demonstration songs, cancel the learning function of "learning 1".Press and hold down the "Features" key, then "Learn 1" key, and release the "Features" key to exit this function, or directly press the "Start/Stop tart up Stop" key to exit this function.

5. Learning Function 2 (follow-up mode) :

Press and hold down the "Features" key first, then press the "Learning 2" key, and then release the "Features" key. At this time, the machine will play the accompaniment music of the song you selected, and the user must press the corresponding key according to the notes indicated by the light guide of the key to continue playing the next note. If not press the keys light lamp 或 without any background operation has been repeated this section, to play a normal only after playing the next note, in the process of learning through "+ or - button to select" demonstration songs, choose demonstration song: hold the function of "Features" key then press the + or - "key to select required to demonstrate, To cancel the learning function of "Learn 2", hold down the "Features" key and then press the "Learn 2" key, and then release the "Features" key to exit this function, or directly press the "Start/Stop tart up Stop" key to exit this function.

6. Learning Function 3 (Ensemble mode) :

Press the "Features" key and then press the "Learning 3" key to enter the ensemble teaching mode. The machine will play the accompaniment music of the song, and learners can play the main melody by themselves according to the accompaniment music played by the machine. If you do not play for 3 seconds, the main melody will be played automatically, and the key light will be lit to remind the learner. In the learning process, the "+ or -" key can be used to select the demonstration song. Select the demonstration song: hold down the "Features" key and then press the "+ or -" key to select the required demonstration song, and cancel the learning function of "learning 3".Press and hold down the "Features" key, then "Learn 3" key, and release the "Features" key to exit this function, or directly press the "Start/Stop tart up Stop" key to exit this function.

7. Keyboard light on/off:
Keyboard light/open or closed the keyboard light lamp is the key to open the key, switch on the keyboard light light is "on" by default.Press the Features key and then Keyboard Light to turn off the keyboard light. If you repeat this operation more than once, the keyboard light can be turned on.The song names and order are shown in Appendix III.

(IV) The use of recording and playback programming and playback:
1. Use of recording and playback functions:
First hold down the "Features" key, then press the "record" key, and then release the "Features" key, then you can record the notes you played. After the song is recorded, hold down the "Features" key, and then press the "Play" key. Then release the "Features" key, and the song just played will be played from beginning to end. After playing, hold down the "Features" key and press the "Play" key again to play the song just recorded.To cancel the "Recording" function, hold down the "Features" key and press the "Recording" key once to exit the recording function. To cancel the "Play" function, simply press the "Start/ Stop tart up Stop" key once to exit the "Play" function.
Note: The recording can record up to "695" notes, after the record will not record the following notes.

2. Use of programming and playback:
First hold down the "Features" key, then press the "programming" key, and then release the "Features" key, the piano will automatically switch to the percussion mode keyboard, then you can play the corresponding percussion instruments on the keyboard, the piano can record the percussion music you play on the keyboard one by one (up to 128 drum beats can be recorded). After recording, hold down the "Features" key and then press the "Play" key. At this time, the piano will play the percussion sound you just edited. You can adjust the accompaniment Speed by pressing Speed+ Speed+ or Speed-speed -. To disable the programming function, hold down the Features button and press the Programming button or press the Start up Stop button once.

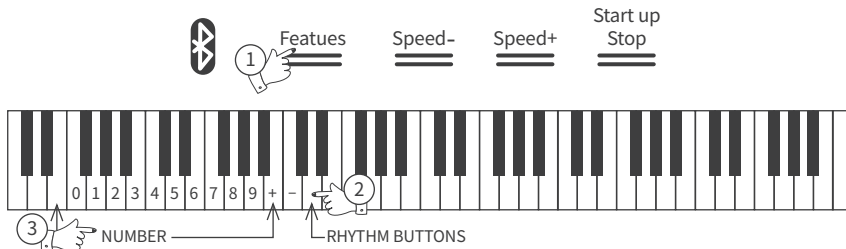**(V) Rhythm, integrated chord function:**
1. Start of rhythm:
Press the "Start/Stop key tart up Stop" button once to start the rhythmic accompaniment immediately. To disable the rhythm, press the Start/Stop tart up Stop button again.

2. Prelude/Finale:
Press the key of "Prelude/Ending" in the rhythm playing, then the rhythm will stop playing after a short piece of the finale; If you press the "Prelude/Ending" key without playing rhythm, the current rhythm will start to play after a short prelude.

3. Choice of rhythm:
This machine has 200 kinds of rhythm, numbered from "000" to "199" for you to choose, hold down the "Features" key, then press the "rhythm" key, you can select the rhythm you want on the number key. For example, if the rhythm code is 108, hold down the Features key, press Rhythm → press 1 → press 0 → press 8, and release the Features key. Press the "+" and "-" buttons to select the rhythm. Hold down the "Features" key and then press the "+" key to increase the rhythm number in sequence. Press the "-" button to decrease the rhythm number in sequence until you select the rhythm. (as shown below)

4. Selection of synchronous and integrated chord accompaniment mode:

4.1.The rhythm and the main note are played synchronically. Press the "Synch" key first, and then press the chord keyboard area (1 ~ 19 keys from the left). At this time, the rhythm will be played synchronically with the notes.

4.2.Use of Composite chord:

Press "synchronous Synch" button, then press "comprehensive Chord Chord, again in accordance with the single refers to the Chord fingering or refers to the Chord fingering playing, press the keyboard area (from left the keys of 1 ~ 19), the single refers to the Chord or refers to Chord with rhythm. Note: To cancel "Composite Chord", press the "Composite Chord" key once. If you want to close "chord tone" with "rhythm", press the "Start up Stop" key once to stop chord and rhythm playing.

5. Use of insert function:

Press the "Insert" key during the use of rhythm, this opportunity will automatically play a strong intermezzo, then continue the rhythm accompaniment.

6. Adjust the pace of your rhythm:

The Speed of the rhythm is set to 120 beats/min. Press the accompaniment Speed "Speed+ Speed+" or "speed-speed -" to speed up or slow down the rhythm. There are 270 sections of speed control, and the speed range is 30 ~ 300. Normal power-on mode, the preset speed is 120; When the selected song is played, the speed of the song will be the main factor, which has nothing to do with the preset speed. When playing the selected rhythm, the set rhythm speed will be the main. Press Speed+ Speed+ or speed -Speed- for more than 2 seconds to continuously increase or decrease the speed. You can adjust the Speed of a song by pressing Speed+ Speed+ or speed-speed - when playing the song.

7. Accompaniment volume:

Press and hold down the "Features" key first, then press the accompaniment volume key "Accompaniment +" to increase the electronic organ accompaniment volume, the maximum can be adjusted to "10";Press accompaniment volume control button "Accompaniment -" to reduce the accompaniment volume, the minimum value can be set to "1".

(VI) Use of storage memory setting function:

1. Setting of working state "storage" memory:

Select the timbre or rhythm, chord and speed you need before playing according to the needs of the performer. First hold down the "Features" key and then press the "storage" key and "memory" key at the same time. At this time, the current timbre, rhythm and speed are recorded in the "memory" key, after the state has been memorized, First hold down the "Features" key and then press the "memory" key to read the tone or rhythm you set to play.

Note: There are two sets of "Save memory" keys for users to memorize two sets of different Settings. In addition, the memorized data will be cleared after shutdown.

IV: APP connection

(I)APP installation
The download link: https://www.doutan.com.cn/.
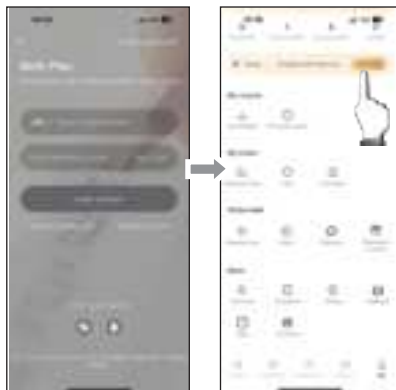
Doutan

Scan here for the Doutan App

Note:
(1)After installation, please follow the steps to finish the registration.
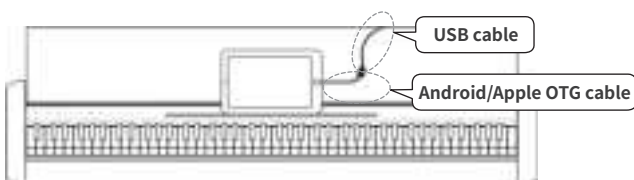(2)【Doutan】 VIP membership needs to be purchase separately.

(II)APP connection:
1.Wired Connection
Connect with phone or tablet computer via a USB cable and OTG cable.

USB cable

Android/Apple OTG cable

USB Jack

2.Bluetooth connection
Turn on the Bluetooth function from your device. The piano Bluetooth function will be on automatically when the piano is on.
(1) In the main interface, select [Me], then click the [Keyboard], click the [Intelligent Piano], click the [To connect the device];
(2) Select the corresponding device in the Bluetooth MIDI device for Bluetooth connection, device name [M2 MIDI];
(3) After the connection display [Connected], the APP automatically enters the keypad interface, and the functions of the piano can be controlled by operating the keypad interface.

(III)Further function:
The below functions require software support. Here we use 【Doutan】APP as an example to illustrate the details.

1.Double color LED intelligent light
Connect the APP and play a music, the LED light will be on. Practice the music by following the LED light. Red light for left hand, blue light for right hand.

2.Intelligent accompanied playing
You can set accompanied playing mode. For example, when you set right hand accompanied playing, the piano will play the right hand part of the music, you only need to play the left hand part.

3.Intelligent following practice
Follow the LED light to practice the music.

Appendix I (600 kinds) Voice List

000 Acoustic Grand Piano	042 Cello	084 Lead 5 (charang)
001 Bright Acoustic Piano	043 Contrabass	085 Lead 6 (voice)
002 Electric Grand Piano	044 Tremolo Strings	086 Lead 7 (fifths)
003 Honky-tonk Piano	045 Pizzicato Strings	087 Lead 8 (bass+lead)
004 Rhodes Piano	046 Orchestral Harp	088 Pad 1 (new age)
005 Chorused Piano	047 Timpani	089 Pad 2 (warm)
006 Harpsichord	048 String Ensemble 1	090 Pad 3 (polysynth)
007 Clavichord	049 String Ensemble 2	091 Pad 4 (choir)
008 Celesta	050 Synth Strings 1	092 Pad 5 (bowed)
009 Glockenspiel	051 Synth Strings 2	093 Pad 6 (metallic)
010 Music box	052 Choir Aahs	094 Pad 7 (halo)
011 Vibraphone	053 Voice Oohs	095 Pad 8 (sweep)
012 Marimba	054 Synth Voice	096 FX 1 (rain)
013 Xylophone	055 Orchestra Hit	097 FX 2 (soundtrack)
014 Tubular Bell	056 Trumpet	098 FX 3 (crystal)
015 Dulcimer	057 Trombone	099 FX 4 (atmosphere)
016 Drawbar Organ	058 Tuba	100 FX 5 (brightness)
017 Percussive Organ	059 Muted Trumpet	101 FX 6 (goblins)
018 Rock Organ	060 French Horn	102 FX 7 (echoes)
019 Church Organ	061 Brass Section	103 FX 8 (sci-fi)
020 Reed Organ	062 Synth Brass 1	104 Sitar
021 Accordion	063 Synth Brass 2	105 Banjo
022 Harmonica	064 Soprano Sax	106 Shamisen
023 Tango Accordion	065 Alto Sax	107 Koto
024 Acoustic Guitar (nylon)	066 Tenor Sax	108 Kalimba
025 Acoustic Guitar (steel)	067 Baritone Sax	109 Bagpipe
026 Electric Guitar (jazz)	068 Oboe	110 Fiddle
027 Electric Guitar (clean)	069 English Horn	111 Shanai
028 Electric Guitar (muted)	070 Bassoon	112 Tinkle Bell
029 Overdriven Guitar	071 Clarinet	113 Agogo
030 Distortion Guitar	072 Piccolo	114 Steel Drums
031 Guitar Harmonics	073 Flute	115 Woodblock
032 Acoustic Bass	074 Recorder	116 Taiko Drum
033 Electric Bass(finger)	075 Pan Flute	117 Melodic Tom
034 Electric Bass (pick)	076 Bottle Blow	118 Synth Drum
035 Fretless Bass	077 Shakuhachi	119 Reverse Cymbal
036 Slap Bass 1	078 Whistle	120 Guitar Fret Noise
037 Slap Bass 2	079 Ocarina	121 Breath Noise
038 Synth Bass 1	080 Lead 1 (square)	122 Seashore
039 Synth Bass 2	081 Lead 2 (sawtooth)	123 Bird Tweet
040 Violin	082 Lead 3 (calliope lead)	124 Telephone Ring
041 Viola	083 Lead 4 (chiff lead)	125 Helicopter

126	Applause
127	Gunshot
128	Yong Gin
129	Zheng
130	Zhong Ruan
131	Pi Pa
132	Big Souna
133	Souna
134	Er Hu
135	Yue Hu
136	Di Zi
137	Bong Di
138	Koto 1
139	Qu Di
140	Xylophone 2
141	Dulcimer 3
142	Guitar Pinch 2
143	Slow Violin
144	Bright String
145	Jungle Bass 2
146	Indian Flute
147	Clavi 2
148	Celesta 2
149	Church Bells
150	Kalimba 2
151	Steel Bell 1
152	Tenor Sax 2
153	Electoric Giutar (Clean) 2
154	Shanai 2
155	Marimba 3
156	Dulcimer 2
157	Reed Organ 3
158	Koto 2
159	Crystal
160	Bag Pipe 2
161	Barafon
162	Organ Flute
163	Kalimba 3
164	Reed Horn
165	English Horn 1
166	Electoric Giutar (Clean) 3
167	Shamisen 2

168	Koto 3
169	Hard Vibe 2
170	Twin Bones
171	Synth Harpsi. 2
172	Attack Clav. 2
173	Chorus Guitar.
174	Steel Bell 2
175	Tsugaru
176	Oct Harp
177	Synth Harpsi. 1
178	Attack Clav. 1
179	Soft Santur
180	Dual Horns 1
181	Bodhran
182	Tubular Bells 2
183	Suona 1
184	Castanets
185	Attack Harp 1
186	Electric Vipraphone
187	Soft Sax 1
188	Soft Clav.
189	Soft Accord
190	Wind Organ
191	Viola Attack
192	Bari & Tenor
193	Soft Guitar 1
194	Grow Guitar
195	Didgeridoo 1
196	Attack Barafon
197	Mute Barafon 1
198	Nay
199	Didgeridoo 2
200	Dual Horns 2
201	Hard Barsoon 2
202	Kawala 2
203	Soft Guitar 2
204	Mute Barafon 2
205	Hard Barsoon 1
206	Tron Flute
207	Kawala 1
208	Jazz Organ
209	Synth Harpsi. 3
210	Tenor Sax 3
211	Steel Bell 3

212	Kalimba 4
213	Shamisen 3
214	English Horn 2
215	Shanai 3
216	Soft Sax 2
217	Attack Harp 2
218	Castanets 2
219	Suona 2
220	Xylophone 3
221	Koto 4
222	Attack Clav. 4
223	Synth Harpsi. 4
224	Twin Bones 2
225	Hard Vibe 3
226	Reed Horn 2
227	Organ Flute 2
228	Steel Bell 4
229	Chorus Guitar. 2
230	Dual Horns 3
231	Soft Santur 2
232	Barafon 3
233	Bag Pipe 3
234	Crystal 3
235	Attack Clav. 3
236	Electric Vipraphone 2
237	Attack Harp 3
238	Attack Barafon 2
239	Didgeridoo 3
240	Grow Guitar 2
241	Soft Guitar 3
242	Soft Clav. 2
243	Soft Sax 3
244	Tubular Bells 3
245	Bodhran 2
246	Oct Harp 2
247	Tsugaru 2
248	Bari & Tenor 2
249	Wind Organ 2
250	Soft Accord 2
251	Attack Harp 4
252	Viola Attack 2
253	Kawala 3
254	Soft Sax 4
255	Jazz Organ 2

256	Nay 2
257	Mute Barafon 3
258	Dulcimer 5
259	Xylophone 4
260	Tron Flute 2
261	Hard Barsoon 3
262	Mute Barafon 4
263	Soft Guitar 4
264	Kawala 4
265	Hard Barsoon 4
266	Dual Horns 4
267	Didgeridoo 4
268	Steel Bell 5
269	Kalimba 5
270	Church Bells 2
271	Celesta 3
272	Clavi 3
273	Indian Flute 2
274	Jungle Bass 3
275	Bright String 2
276	Slow Violin 2
277	Guitar Pinch 3
278	Bag Pipe 4
279	Crystal 2
280	Koto 5
281	Reed Organ 4
282	Dulcimer 4
283	Marimba 4
284	Shanai 4
285	Electoric Giutar (Clean) 4
286	Tenor Sax 4
287	Twin Bones 3
288	Hard Vibe 4
289	Koto 6
290	Shamisen 4
291	Electoric Giutar (Clean) 5
292	English Horn 3
293	Reed Horn 3
294	Kalimba 6
295	Organ Flute 3
296	Barafon 2
297	Dual Horns 5

298	Soft Santur 3
299	Attack Clav. 5
300	Synth Harpsi. 5
301	Oct Harp 3
302	Tsugaru 3
303	Steel Bell 6
304	Chorus Guitar. 3
305	Attack Clav. 6
306	Synth Harpsi. 6
307	Wind Organ 3
308	Soft Accord 3
309	Soft Clav. 3
310	Soft Sax 5
311	Electric Vipraphone 3
312	Attack Harp 5
313	Castanets 3
314	Suona 3
315	Tubular Bells 4
316	Bodhran 3
317	Dual Horns 6
318	Didgeridoo 6
319	Nay 3
320	Mute Barafon 5
321	Attack Barafon 3
322	Didgeridoo 5
323	Grow Guitar 3
324	Soft Guitar 5
325	Bari & Tenor 3
326	Viola Attack 3
327	Synth Harpsi. 7
328	Jazz Organ 3
329	Kawala 5
330	Tron Flute 3
331	Hard Barsoon 5
332	Mute Barafon 6
333	Soft Guitar 6
334	Kawala 6
335	Hard Barsoon 6
336	Suona 4
337	Castanets 4
338	Attack Harp 6
339	Soft Sax 6
340	Shanai 5
341	English Horn 4

342	Shamisen 5
343	Kalimba 7
344	Steel Bell 7
345	Tenor Sax 5
346	Chorus Guitar. 4
347	Steel Bell 8
348	Organ Flute 4
349	Reed Horn 4
350	Hard Vibe 5
351	Twin Bones 4
352	Synth Harpsi. 8
353	Attack Clav. 8
354	Koto 7
355	Xylophone 5
356	Didgeridoo 7
357	Attack Barafon 4
358	Attack Harp 7
359	Electric Vipraphone 4
360	Attack Clav. 7
361	Crystal 4
362	Bag Pipe 5
363	Barafon 4
364	Soft Santur 4
365	Dual Horns 7
366	Wind Organ 4
367	Bari & Tenor 4
368	Tsugaru 4
369	Oct Harp 4
370	Bodhran 4
371	Tubular Bells 5
372	Soft Sax 7
373	Soft Clav. 4
374	Soft Guitar 7
375	Grow Guitar 4
376	Hard Barsoon 7
377	Tron Flute 4
378	Mute Barafon 7
379	Nay 4
380	Jazz Organ 4
381	Soft Sax 8
382	Kawala 7
383	Viola Attack 4
384	Attack Harp 8
385	Soft Accord 4

#	Name	#	Name	#	Name
386	Guitar Pinch 4	428	Tron Flute 5	472	Hard Vibe 6
387	Indian Flute 3	429	Kawala 9	473	Reed Horn 5
388	Bright String 3	430	Soft Accord 5	474	Organ Flute 7
389	Church Bells 3	431	Wind Organ 5	475	Steel Bell 10
390	Didgeridoo 8	432	Kalimba 10	476	Chorus Guitar. 8
391	Dual Horns 8	433	Shamisen 7	477	Dual Horns 10
392	Hard Barsoon 8	434	English Horn 6	478	Soft Santur 7
393	Kawala 8	435	Shanai 7	479	Barafon 7
394	Soft Guitar 8	436	Soft Sax 10	480	Bag Pipe 8
395	Mute Barafon 8	437	Didgeridoo 10	481	Crystal 8
396	Electoric Giutar (Clean) 6	438	Tenor Sax 7	482	Attack Clav. 9
397	Shanai 6	439	Koto 10	483	Electric Vipraphone 5
398	Marimba 5	440	Organ Flute 6	484	Attack Harp 10
399	Koto 8	441	Xylophone 7	485	Attack Barafon 5
400	Xylophone 6	442	Soft Santur 6	486	Grow Guitar 5
401	Tenor Sax 6	443	Bag Pipe 7	487	Soft Clav. 7
402	Organ Flute 5	444	Crystal 6	488	Tubular Bells 6
403	Kalimba 9	445	Soft Clav. 6	489	Bodhran 7
404	English Horn 5	446	Bodhran 6	490	Oct Harp 5
405	Electoric Giutar (Clean) 7	447	Tsugaru 6	491	Tsugaru 7
406	Shamisen 6	448	Chorus Guitar. 7	492	Bari & Tenor 7
407	Koto 9	449	Nay 6	493	Wind Organ 7
408	Kalimba 8	450	Soft Accord 6	494	Soft Accord 7
409	Barafon 5	451	Tron Flute 6	495	Viola Attack 5
410	Chorus Guitar. 6	452	Bari & Tenor 6	496	Jazz Organ 5
411	Tsugaru 5	453	Wind Organ 6	497	Nay 7
412	Synth Harpsi. 9	454	Grow Guitar 1	498	Dulcimer 7
413	Crystal 5	455	Attack Barafon 1	499	Xylophone 9
414	Bag Pipe 6	456	Dual Horns 9	500	Tron Flute 7
415	Synth Harpsi. 10	457	Hard Barsoon 10	501	Church Bells 4
416	Soft Sax 9	458	Hard Barsoon 9	502	Celesta 4
417	Soft Clav. 5	459	Tron Flute 1	503	Clavi 4
418	Bodhran 5	460	Jazz Organ 1	504	Indian Flute 4
419	Bari & Tenor 5	461	Tenor Sax 8	505	Jungle Bass 4
420	Soft Guitar 9	462	Steel Bell 9	506	Bright String 4
421	Didgeridoo 9	463	Shamisen 8	507	Slow Violin 3
422	Mute Barafon 9	464	English Horn 7	508	Guitar Pinch 5
423	Nay 5	465	Shanai 8	509	Bag Pipe 9
424	Soft Santur 5	466	Attack Harp 9	510	Crystal 7
425	Kawala 10	467	Castanets 5	511	Reed Organ 5
426	Soft Guitar 10	468	Suona 5	512	Dulcimer 6
427	Mute Barafon 10	469	Xylophone 8	513	Marimba 6
		470	Attack Clav. 10	514	Shanai 9
		471	Twin Bones 5	515	Electoric Giutar (Clean) 8

516	Tenor Sax 9	544	Suona 7	573	Soft Accord 9
517	Twin Bones 6	545	Castanets 7	574	Guitar Pinch 6
518	Hard Vibe 7	546	Shanai 10	575	Indian Flute 5
519	Shamisen 9	547	English Horn 9	576	Bright String 5
520	Electoric Giutar (Clean) 9	548	Shamisen 10	577	Church Bells 5
521	English Horn 8	549	Tenor Sax 10	578	Electoric Giutar (Clean) 10
522	Reed Horn 6	550	Chorus Guitar. 10	579	Shanai 11
523	Organ Flute 8	551	Organ Flute 9	580	Marimba 7
524	Barafon 6	552	Reed Horn 7	581	Organ Flute 10
525	Soft Santur 8	553	Hard Vibe 8	582	English Horn 10
526	Oct Harp 6	554	Twin Bones 7	583	Barafon 9
527	Tsugaru 8	555	Xylophone 10	584	Tsugaru 10
528	Chorus Guitar. 9	556	Attack Barafon 7	585	Crystal 10
529	Wind Organ 8	557	Electric Vipraphone 7	586	Bag Pipe 11
530	Soft Accord 8	558	Crystal 9	587	Soft Clav. 10
531	Soft Clav. 8	559	Bag Pipe 10	588	Bari & Tenor 10
532	Electric Vipraphone 6	560	Barafon 8	589	Nay 10
533	Castanets 6	561	Soft Santur 9	590	Soft Santur 10
534	Suona 6	562	Wind Organ 9	591	Tron Flute 10
535	Tubular Bells 7	563	Bari & Tenor 9	592	Soft Accord 10
536	Bodhran 8	564	Tsugaru 9	593	Wind Organ 10
537	Nay 8	565	Oct Harp 7	594	English Horn 11
538	Attack Barafon 6	566	Tubular Bells 8	595	Shanai 12
539	Grow Guitar 6	567	Soft Clav. 9	596	Organ Flute 11
540	Bari & Tenor 8	568	Grow Guitar 7	597	Bag Pipe 12
541	Viola Attack 6	569	Tron Flute 9	598	Tsugaru 11
542	Jazz Organ 6	570	Nay 9	599	Bari & Tenor 11
543	Tron Flute 8	571	Jazz Organ 7		
		572	Viola Attack 7		

Appendix II (200 kinds) Rhythmic List

000 Club Pop	042 Standard Rock	083 Parranda
001 16 Beat Pop	043 Brit Rock Pop	084 Samba Rio
002 8 Beat Pop	044 60's Vintage Rock	085 Slow Rock 1
003 8 Beat Soul	045 Chart Rock Shfl	086 Slow Rock 2
004 8 Beat Rock	046 60's Pop Rock	087 Slow Rock 3
005 Rap Pop	047 Waltz	088 Slow Soul
006 Pop Rock	048 Cha Cha	089 8 Beat Adria
007 60's Soul	049 Rumba	090 Classic Piano
008 70's Soul	050 Jive	091 Unplugged
009 Funk	051 Pasodoble	092 Pop Ballad
010 16 Beat Shuffle	052 Samba 1	093 Pop New Age
011 Twist	053 Samba 2	094 8 Beat Modern
012 British Pop	054 Schlager Rock 1	095 Country Ballad
013 Hard Rock	055 Schlager Rock 2	096 Love Song
014 Fusion	056 FoxTrot	097 Modern Country Pop
015 FunkShuffl	057 Viennese Waltz	098 Electro Pop
016 FusionShuffl	058 Tango1	099 Acoustic Ballad
017 Classic 8Beat	059 Tango2	100 Piano Ballad
018 Vintage Gtr Pop	060 German Waltz	101 R&B Ballad
019 Schlager Italia	061 Carnival	102 Rock Ballad
020 50's Pop	062 Organ Samba	103 Slow & Easy
021 Cool Pop	063 Reel	104 Analog Ballad
022 Groovy Pop	064 Gay Gordons	105 E_Ballad
023 60's Vintage Pop	065 Scand Waltz	106 80's EP Ballad
024 80's Pop	066 Salsa	107 80's Boy Band
025 Rock'n Roll 1	067 Calypso	108 70's Chart Ballad
026 Rock'n Roll 2	068 GuadDance	109 Romantic Ballad
027 Straight Rock	069 Reggae12Beat	110 90's Cool Ballad
028 Jazz Rock	070 Reggae16Beat	111 Alp Ballad1
029 FastGospel	071 Bossanova	112 Alp Ballad2
030 FolkRock	072 Mambo 1	113 Techno 1
031 RockBilly	073 Mambo 2	114 Techno 2
032 RockBoogie	074 Bolero	115 Funky Disco
033 RockChaCha	075 Cumbia	116 Saturday Night
034 RockClassical	076 Latin Rock	117 Club Latin
035 RockShuffle	077 Disco Latin	118 Disco Chocolate
036 RockPop	078 Tijuana	119 Disco Fox
037 Skiffle	079 Reggae	120 Disco Funk
038 Funk Pop Rock	080 Pop Mambo	121 Disco Hands
039 Contemp Rock	080 Lead 1 (square)	122 Disco Party
040 Acoustic Rock	081 Lead 2 (sawtooth)	123 Disco Samba
041 60's RockN	082 Jazz Samba	124 UK Pop

125	Club Dance	150	Hoedown	175	Blue Grass 2
126	Modern R&B	151	Country Shuffle	176	Blue Grass 3
127	Hip Shuffle	152	Brisk Country	177	Pop Waltz
128	Charleston	153	Country Two Step	178	USA March
129	DiscoPop	154	Big Band Shuffle 3	179	Hully Gully
130	DiscoSoul	155	Fast Band 1	180	Tarantella
131	DiscoTrot	156	Fast Band 2	181	Limbo Rock
132	EuroBeat	157	Cat Groove	182	Swing Waltz
133	Rap	158	Dixie Jazz	183	Pub Piano
134	Rave	159	Medium Jazz	184	Jazz Waltz 1
135	70's Disco Funk	160	Jazz Big Band	185	Jazz Waltz 2
136	Disco Philly	161	Jazz Club	186	Show Tune
137	Disco House	162	Ragtime	187	Polka
138	80's Disco	163	Frankly Soul	188	Party Polka
139	70's Disco1	164	Jazz Funk	189	Schlager Polka
140	70's Disco2	165	Classic Big Band	190	China1
141	Country 1	166	French Jazz	191	China2
142	Country 2	167	Jump Jive	192	China3
143	Country 3	168	Swing Fox	193	China4
144	Country 4	169	Slow Fox	194	China5
145	Finger Pickin	170	Organ Cha Cha	195	China6
146	Country Brothers	171	Organ Quick Step	196	China7
147	New Country	172	Ober Polka	197	China8
148	Easy Country	173	Polka Pop	198	China9
149	70's Chart Cntry	174	Blue Grass 1	199	China10

Appendix III (100 kinds) Demo List

000	Jockey Club	032	A Spray of Plum Blossoms	064	Cloud River
001	Yang On A Horse To Transport Grain	033	Moonlight in the West Building	065	Don't Pick The Roadside Wildflowers
002	Steping Higher And Higher	034	Goodbye Ta-pieh Mountains	066	Happy worship
003	The Beautiful TaiHu Lake	035	Happy Chinese New Year	067	Nalu Bay love songs
004	Osmanthus everywhere open in August	036	Dreams Of Riverboat	068	Wishing You Peace
005	The Moon Over a Fountain	037	The Penghu bending Grandmother	069	Colourful Clouds Chasing The Moon
006	Tathagata	038	Heart-Throb	070	Flying Song for Mother Earth
007	Meeting at The Yurt	039	Good Life Of Peace	071	Tianzhu Girl
008	Yang Ming Mountain's Dawn	040	Impulse punishment	072	Kiss Goodbye
009	Jasmine	041	The Cowherd's Flute	073	The Mouse Loves The Rice
010	Jaunty	042	Spring Festival Overture	074	Fur Elise
011	Good Day	043	One can hope that long	075	American Patrol
012	Childhood	044	The bending moon	076	March
013	Tune of purple bamboo	045	Sweet Honey	077	Turkish March
014	Auspicious TREBLE	046	The Butterfly Lovers	078	Green Sleeves
015	Trials of a long journey always intelligence	047	Platforms	079	Blue Danube
016	From Afar	048	Welcome march	080	CarmenToreador Song
017	Prairie Song	049	You are not alone	081	Hungarian Dance
018	Go Back Home Often	050	Efforts will win	082	Mozart Piano Sonata
019	On affordable	051	Dance Song	083	Mozart #40
020	You set off to the chapeau	052	Xinjiang Dance	084	Arabesque No.1
021	The Qinghai-Tibet Plateau	053	The sunset Drunk	085	A Maiden's Prayer
022	Same Song	054	Prairie paean	086	Twinkle Twinkle Little Star
023	Hill Road Bending 18	055	When will you come again	087	Nocturne op.9 no.2
024	Blessed Wine Song	056	The Snail and the Oriole Birds	088	Minuet In G
025	Happy hometown	057	March warships	089	Spring
026	Place peach bloom	058	Mighty division	090	Carmen
027	New Century	059	Liuyang River	091	Old Clock
028	Gave me a Red Rose	060	A good harvest	092	Sakura
029	Kangding Love Song	061	Grasshopper's Club Broken Heart	093	Auld Lang Syne
030	Heart of Steel	062	The Rain of Soul	094	She Wore A Yellow Ribbon
031	Beijing Tune	063	Red sun	095	Farewell
				096	If You're Happy
				097	Red River Valley
				098	Little Brown Jug
				099	Skip To My Lou

Appendix IV: 61 groups of keyboard percussion comparison table

Appendix V: single finger chord chart

⚠ Maintenance precautions

It is very important to do the maintenance of the piano well and reduce the fault.

◆ do not open the shell of the piano and try to decompose the components, and do not make any changes to the interior. If the function is abnormal in use, please stop using the instrument and send it to qualified maintenance personnel for maintenance.

◆ please use the specified voltage and adapter, using the wrong voltage and adapter will damage the electronic organ.

◆ before connecting the instrument to other devices, all the power should be turned off and the volume should be turned down to the lowest level.

◆ do not put the power adapter near a heat source (such as a heater or radiator). Do not bend the adapter wire too much. Do not place heavy objects or wind other objects on the adapter wire to avoid damaging the adapter wire. Do not use the plug of the instrument in the multi-purpose socket and near the flammable and explosive places, so as not to cause danger. When need not be in long time or thunder, want to close power supply and adapter unplug, when unplug adapter power supply plug, want to hold adapter to pull out, do not pull wire directly. The adapter used in this product cannot be used for other products to avoid danger.

◆ do not put the instrument in an environment with dust, vibration, low temperature or high temperature (such as in direct sunlight, next to the heater or in the car under the sun) to avoid damage to the appearance and internal components.

◆ do not put the instrument in an unstable place, lest it is damaged by falling. Do not sit or place heavy objects on the harp.

◆ avoid the electric piano from rain or damp. Do not place liquid containers on the instrument to prevent liquid from flowing into the instrument and damaging the internal components.

◆ please remove the adapter before cleaning the instrument body. Do not use wet hands to insert or remove the adapterWipe it.

◆ do not use paint coating, organic solvent or chemical impregnation cloth to wipe the piano body, do not put vinyl products on the piano body, so as not to make the panel or keyboard fade, check the adapter regularly and remove the dirt on its surface.

◆ Wet weather needs to do a good job of moisture-proof work, because excessive humidity will make the internal circuit bad phenomenon. Therefore, the instrument should always be electrified in wet weather, and dissipate the moisture in the instrument through the heat generated during operation. If the weather is too humid, use a dust proof damp cloth to cover the instrument.

◆ it must be used by adults after opening the packaging, please remove the plastic packaging bag and other packaging items properly stored or discarded, do not let children play, prevent suffocation! This product contains small parts, do not put into the mouth to avoid accidental swallowing, this product is not suitable for children aged 3 and under.

⚠ The specifications are subject to change without prior notice.
⚠ This instruction manual and the design of the packing box are for reference only.

FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.